

# Grid Connected SPV Rooftop Systems

## Policy and Regulatory Framework in Various States

(As on 30.06.2015)

Sl. No.	State (Issuing Authorities)	Solar Rooftop Target	Metering Mechanism	Present Solar Tariff (Rs.)	Policy/ Tariff * Validity	Capping of System Capacity/ generation	Eligibility	Incentives	Remarks
1	Karnataka (Govt. of Karnataka & KERC)	400 MW by 2018	Net metering (excess electricity to be billed as per solar tariff)	Rs.9.56 (without subsidy), Rs.7.20 (with subsidy)	01.04.2013 upto 31.03.2018	Not mentioned	All consumers	Wheeling, Banking and cross subsidy surcharge exempted for 10 years	---
2	West Bengal (Govt. of West Bengal & WBERC)	34 MW by 2018	Net metering	Consumer tariff as applicable for net energy supply	Projects commissioned till 2015-16	Injection not more than 90% of the consumption from the licensee's supply in a year.	All consumers	Wheeling, Banking and cross subsidy surcharge as applicable	---
3	Chhattisgarh (Govt. of Chhattisgarh & CSERC)	500-1000 MW by March 2017	Net metering (excess electricity to be billed @) 50% of the solar tariff)	Rs. 4.35/ kWh	2012-2017	Injection not more than 49% of the annual net generation.	50kWp to 1 MWp capacity	Wheeling, Banking and cross subsidy surcharge exempted. VAT exempted on equipment's/ materials.	---

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4	Tamil Nadu (Govt. of Tamil Nadu & TNERC))	350 MW by 2015	Net metering	Rs.7.01/kWh (without AD), Rs.6.27/kWh (with AD)	2014-15	Capped commercially at 90% of the electricity consumption at the end of the settlement period.  Excess energy generated beyond the 90% cap shall be treated as lapsed.	All consumers	For domestic consumers subsidy of Rs. 20, 000 per kW for 1 kWp system is provided.  Wheeling, Banking and cross subsidy surcharge as applicable. Electricity tax is exempted.	Mandatory for all new Govt./local body buildings. For existing buildings installation in a phased manner
5	Kerala (Govt. of Kerala & KERC)	Not specified	Net metering	Consumer tariff as applicable for net energy supply. Excess electricity to be billed as per average pool purchase cost.	From 25.11.2013 until further orders	Capacity shall be in conformity with the provisions relating to the connected load or contract demand permissible at each voltage level as specified in the Kerala Electricity Supply Code, 2014.	Not specified	Wheeling, Banking, open access surcharge exempted. Exemption from electricity duty.	---
6	Gujarat (Govt. of Gujarat & GERC)	30 MW in 6 cities	Feed-in tariff	Rs.9.63/kWh (with AD),  Rs.10.76/kWh(wit hout AD)	2014-15	Not mentioned	All consumers	Exemption from wheeling, banking and cross subsidy surcharge.	---

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7	Delhi (DERC order)	Not specified	Net metering	Consumer tariff as applicable for net energy supply. Excess electricity to be billed as per average pool purchase cost.	APPC for 2014-15 and as per subsequent amendments	Capacity will be above 1 kWp and as per sanctioned load. For above sanctioned load service line cum development charges to be paid.	All consumers	Exemption from wheeling, banking, cross subsidy and other charges for a period of 5 years	---
8	Andhra Pradesh  (Govt. of Andhra Pradesh & APERC)	Not specified	Net metering	Average cost of serve of Discom determined by APERC every year.	2015-16	Capped commercially at 100% of the electricity consumption in a billing month.	All 3 phase service consumers	State's 20% subsidy for system up to 3 kWp in domestic sector only.  Exemption from wheeling, banking and cross subsidy surcharge. No charge for open access for third party sale. Electricity duty exemption, VAT refund.	---

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9	Haryana (Govt. of Haryana)	50 MW till 2017	Net metering	Consumer tariff as applicable for net energy supply. No payment for excess electricity	2014-15	Not specified	All consumers	10% state subsidy in addition to 30% MNRE subsidy, exemption from external development charges, scrutiny fee and infrastructure development charges, no application and processing fee	HERC order under issue  Mandatory 5% for connected load upto 1000 kWp for all consumers including residential houses on a plot size of 500 sq. yard and above.
10	Rajasthan (Govt. of Rajasthan)	Not specified	Net metering	Rs.7.50/kWh (without AD), Rs.6.63/kWh (with AD)	2014-2016	Not specified	All consumer(s) of the DISCOMs	Incentives available to industrial units under Rajasthan Investment Promotional Scheme available to industrial solar power projects, Banking will be allowed	RERC regulatory orders yet to be issued.

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11	Uttarakhand (Govt. of Uttarakhand & UERC)	5 MW per year (2013-2015)	Net metering	Consumer tariff as applicable for net energy supply. Excess electricity to be billed @ Rs.9.20/kWh (with subsidy)	2013-2018	Not specified	All consumers	No transmission and wheeling charges	
12	Uttar Pradesh (Govt. of Uttar Pradesh)	20 MW (by 2016-17)	Net metering	Consumer tariff as applicable for net energy supply.	2016-2017	Not specified	All consumers	State funds for technical assessment and deployment of rooftop SPV on government owned/Public Institutions	At least 25% of available plinth area to be utilized for rooftop. UPERC regulatory orders yet to be issued.
13	Punjab (Govt. of Punjab)	Not specified	Net metering	Consumer tariff as applicable for net energy supply	2014-2022	Maximum capacity upto 80% of the sanctioned/connected load with minimum capacity of 1kWp.	All consumers	Exemption from wheeling, banking and cross subsidy surcharge. No charge for open access for third party sale.	PERC Regulatory order yet to be issued.

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14	Goa	Up to the limit to meet RPO requirements for that particular year	Net Metering/Gross metering	<b>1kW-500kWp</b> without subsidy 8.51 (without AD), 8.06 (with AD) <b>With subsidy (15%)</b> 7.32 (without AD), 6.95 (with AD) <b>With subsidy (30%)</b> 6.14 (without AD), 5.83 (with AD) <b>&gt;500kWp</b> without subsidy 8.31 (without AD), 7.87 (with AD) <b>With subsidy (15%)</b> 7.05 (without AD), 5.46 (with AD) <b>With subsidy (30%)</b> 5.94 (without AD), 5.65 (with AD)	2015-16	Greater than 1kWp but not more than 500kWp at one location, provided the grid penetration is not more than 30% of the DT capacity	All consumers	Exemption from charges on electricity banking, wheeling, line losses and cross subsidy to the extent of energy produced	
15	Chandigarh	Up to the limit to meet RPO requirements for that particular year	Net Metering/Gross metering	<b>1kW-500kWp</b> without subsidy 8.51 (without AD), 8.06 (with AD) <b>With subsidy (15%)</b> 7.32 (without AD), 6.95 (with AD) <b>With subsidy (30%)</b> 6.14 (without AD), 5.83 (with AD) <b>&gt;500kWp</b> without subsidy 8.31 (without AD), 7.87 (with AD) <b>With subsidy (15%)</b> 7.05 (without AD), 5.46 (with AD) <b>With subsidy (30%)</b> 5.94 (without AD), 5.65 (with AD)	2014-2017	Greater than 1kWp but not more than 500kWp at one location, provided the grid penetration is not more than 30% of the DT capacity	All consumers	Exemption from charges on electricity banking, wheeling, line losses and cross subsidy to the extent of energy produced	

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16	Dadar and Nagar Haveli	Up to the limit to meet RPO requirements for that particular year	Net Metering/Gross metering	<b>1kW-500kWp without subsidy</b> 8.51 (without AD),8.06 (with AD) <b>With subsidy (15%)</b> 7.32 (without AD), 6.95 (with AD) <b>With subsidy (30%)</b> 6.14 (without AD), 5.83 (with AD) <b>&gt;500kWp without subsidy</b> 8.31 (without AD),7.87 (with AD) <b>With subsidy (15%)</b> 7.05 (without AD), 5.46 (with AD) <b>With subsidy (30%)</b> 5.94 (without AD), 5.65 (with AD)	2014-2017	Greater than 1kWp but not more than 500kWp at one location, provided the grid penetration is not more than 30% of the DT capacity	All consumers	Exemption from charges on electricity banking, wheeling, line losses and cross subsidy to the extent of energy produced	
17	Daman and Diu	Up to the limit to meet RPO requirements for that particular year	Net Metering/Gross metering	<b>1kW-500kWp without subsidy</b> 8.51 (without AD),8.06 (with AD) <b>With subsidy (15%)</b> 7.32 (without AD), 6.95 (with AD) <b>With subsidy (30%)</b> 6.14 (without AD), 5.83 (with AD) <b>&gt;500kWp without subsidy</b> 8.31 (without AD),7.87 (with AD) <b>With subsidy (15%)</b> 7.05 (without AD), 5.46 (with AD) <b>With subsidy (30%)</b> 5.94 (without AD), 5.65 (with AD)	2014-2017	Greater than 1kWp but not more than 500kWp at one location, provided the grid penetration is not more than 30% of the DT capacity	All consumers	Exemption from charges on electricity banking, wheeling, line losses and cross subsidy to the extent of energy produced	

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18	Pondicherry	Up to the limit to meet RPO requirements for that particular year	Net Metering/Gross metering	<b>1kW-500kWp without subsidy</b> 8.51 (without AD),8.06 (with AD) <b>With subsidy (15%)</b> 7.32 (without AD), 6.95 (with AD) <b>With subsidy (30%)</b> 6.14 (without AD), 5.83 (with AD) <b>&gt;500kWp without subsidy</b> 8.31 (without AD),7.87 (with AD) <b>With subsidy (15%)</b> 7.05 (without AD), 5.46 (with AD) <b>With subsidy (30%)</b> 5.94 (without AD), 5.65 (with AD)	2014-2017	Greater than 1kWp but not more than 500kWp at one location, provided the grid penetration is not more than 30% of the DT capacity	All consumers	Exemption from charges on electricity banking, wheeling, line losses and cross subsidy to the extent of energy produced	
19	Andaman and Nicobar	Up to the limit to meet RPO requirements for that particular year	Net Metering/Gross metering	<b>1kW-500kWp without subsidy</b> 10.39 (without AD),9.82 (with AD) <b>With subsidy (35%)</b> 7.62 (without AD), 7.22 (with AD) <b>With subsidy (70%)</b> 4.85 (without AD), 4.63 (with AD) <b>&gt;500kWp without subsidy</b> 9.70(without AD),9.17 (with AD) <b>With subsidy (35%)</b> 6.93 (without AD), 6.58(with AD) <b>With subsidy (70%)</b> 4.16(without AD), 3.98(with AD)	2014-2017	Greater than 1kWp but not more than 500kWp at one location, provided the grid penetration is not more than 30% of the DT capacity	All consumers	Exemption from charges on electricity banking, wheeling, line losses and cross subsidy to the extent of energy produced	



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20	Lakshadweep	Up to the limit to meet RPO requirements for that particular year	Net Metering/Gross metering	<b>1kW-500kWp without subsidy</b> 10.39 (without AD), 9.82 (with AD) <b>With subsidy (35%)</b> 7.62 (without AD), 7.22 (with AD) <b>With subsidy (70%)</b> 4.85 (without AD), 4.63 (with AD) <b>&gt;500kWp without subsidy</b> 9.70(without AD), 9.17 (with AD) <b>With subsidy (35%)</b> 6.93 (without AD), 6.58(with AD) <b>With subsidy (70%)</b> 4.16(without AD), 3.98(with AD)	2014-2017	Greater than 1kWp but not more than 500kWp at one location, provided the grid penetration is not more than 30% of the DT capacity	All consumers	Exemption from charges on electricity banking, wheeling, line losses and cross subsidy to the extent of energy produced	

\*Tariff in every States may change as per orders issued by respective regulatory commissions from time to time.